

CLAIMS

1. An air-conditioning outdoor unit comprising:
a compressor (1) that includes a discharge port (1a) and an intake port (1b);
an outdoor heat exchanger (3);
5 an external connection port (11); and
a four-way switching valve (2) that includes a pair of primary ports (6a) (6b)
respectively connected to the discharge port (1a) and the intake port (1b) of the compressor
(1) and a pair of secondary ports (7a) (7b),
wherein one secondary port (7a) of the pair of secondary ports (7a) (7b) is connected
10 to the external connection port (11),
the other secondary port (7b) of the pair of secondary ports (7a) (7b) is connected to
the outdoor heat exchanger (3), and
flexible pipes (20) (21) are respectively arranged between the one secondary port
(7a) and the external connection port (11) and between the other secondary port (7b) and the
15 outdoor heat exchanger (3).
2. The air-conditioning outdoor unit of claim 1, wherein the pair of primary ports (6a)
(6b) of the four-way switching valve (2) is directly connected to the discharge port (1a) and
the intake port (1b) of the compressor (1) without intervening a vibration absorbing
mechanism such as a trap portion or a loop portion.
- 20 3. An air conditioner comprising:
the air-conditioning outdoor unit of claim 1 or 2; and
an air-conditioning indoor unit that includes an indoor heat exchanger (5) and to
which the air-conditioning outdoor unit is connected.
4. A compressor unit comprising:
25 a compressor (1) that includes a discharge port (1a) and an intake port (1b); and
a four-way switching valve (2) that includes a pair of primary ports (6a) (6b)
respectively connected to the discharge port (1a) and the intake port (1b) of the compressor
(1) and a pair of secondary ports (7a) (7b),
wherein flexible pipes are respectively connected to the pair of secondary ports (7a)
30 (7b) of the four-way switching valve (2).
5. The compressor unit of claim 4, wherein the pair of primary ports (6a) (6b) of the
four-way switching valve (2) is directly connected to the discharge port (1a) and the intake
port (1b) of the compressor (1) without intervening a vibration absorbing mechanism such as
a trap portion or a loop portion.